

KARAGODIN, Leonid Nikolayevich; SHEVYAKOV, F.D., retsenzent

[Complex of measures for controlling sudden outbursts in
the lavas of gently sloping beds] Kompleks meropriiati po
bor'be s vybrosami v lavakh pologikh plastov. Moskva,
Nedra, 1964. 73 p. (NIRA 17:8)

KARAGIN, B.A.

Accidental strangulation with clothing. Sud.-med. ekspert. 8
no.3:44-45 Ja-Mr '65. (MIRA 18:5)

1. Kafedra sudebnoy meditsinskiy (ispolnyayushchiy obyazannosti
zaveduyushchego - dotsent B.A.Karagin) Yaroslavskogo meditsinskogo
instituta.

IGLITSYN, M.I.; MEYER, A.A.; KARAGIOZ, O.V.; LEVINZON, D.I.; IVANOV, A.V.

One-probe method for measuring the specific resistance of semiconductors carrying a-c current. Zav. lab. 31 no.9:1092-1094 '65.

(MIRA 18:10)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometalicheskoy promyshlennosti.

KARAGIOZOV, L.

Surgical therapy of cranio-orbital tumors. Magy. sebesz. 15 no.3:
145-147 Je '62.

1. Idegsebeszeti Klinika, Szofia.

(ORBIT neopl) (SKULL neopl)

KARAGITLIEV, A.

"Theoretical examination and construction of roof support of timber frames in the Aldomirovtsi State Mining Enterprise."

p. 31 (Minno Delo, Vol. 13, no. 2, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

KARAGITLIEV, At., inzh.

An important task before the Ministroi Administration. Tekh
delo 482:3 13 J1 '63.

1. Gl. inzhener na upravlenie "Ministroi."

KARAGIULEVA, IU.

"The Development of the Organism World According to Geological Data," p. 4.
(Priroda I Znanie, Vol.6, No.5, May 1953, ⁵ofiya.)

SO: Monthly List of ^{East European} ~~Russian~~ ^{Accessions} / ^{Vol. 2, No. 9} ~~Library~~ of Congress, September 1953, Unc.

BONCHEV, Ek., akad.; KARAGIULEVA, IU.

Tectonics of the Cisbalkan. Izv Geol inst BAN 10:119-156
'62.

1. Chlen na Redaktsionnata kolegia i otgovoren redaktor,
"Izvestiia na Geologicheskiiia institut" (for Bonchev).

KARAGYULEVA, Y. [Karagiuleva, IU.]

Cantharus (Pollia) goceru n. sp. of the Priabonian in the
Burgas district. Doklady BAN 15 no.3:289-291 '62.

1. Submitted by Academician E. Bonchev.

BONCHEV, Ek.; KARAGIULEVA, IU.

The Sredna Gora anticlinorium and the Stara Planina granite
overthrust. Trudove vurkhu geol strat 2 31-42 '61.

YUGOSLAVIA

Stanislav BUKUROV, Aleksandar KARACJIC and Bozidar ZECEVIC, First Surgery Clinic of Medical Faculty of University (I hirurska klinika Medicinskog fakulteta Univerziteta) Head (Upravnik) Prof D_r Bogdan KOSANOVIC, Belgrade.

"Mammary Carcinoma."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 91, No 2, Feb 63; pp 123-134.

Abstract [English summary modified]: Discussion of many pathogenetic, diagnostic, surgical and prognostic aspects. Of 253 patients operated upon 1947-1956, most with subsequent irradiation treatment, only 141 could be traced for follow-up; average 5-year survival was 77 (62.6%). Clinical data are tabulated in many ways - parity, age, stage and duration of tumor at diagnosis, treatment and results according to stage at diag. and operation. Eight tables; 6 Soviet and 39 Western references.

1/1

KARAGJOZI, Munir

Some experimental data on the action of Glina mineral water
on the secretory and evacuatory functions of the stomach.
Bul. univ. shtet. Tirane[Mjek] 4:4-11 '62.

(MINERAL WATERS) (GASTRIC JUICE)
(STOMACH)

KARAGJOZI, Pullumb

The microflora in the air and on the floor of our operating rooms. Bul. univ. shtet. Tirane[Mjek] 1:48-59 '63.

(OPERATING ROOMS)
(SURGICAL WOUND INFECTION)
(AIR MICROBIOLOGY)

EXCERPTA MEDICA Sec.16 Vol.6/3 Cancer March 58
KARAOJIZOV, L.

1261. *The 17-ketosteroids in brain tumours (Bulgarian text)* KARAOJIZOV L., DIMITROV L. and COBANOV D. *Izv. med. Inst. (Sofia)* 1956, 3 (477-485) Tables 2

A decrease of the urinary 17-ketosteroids was observed in 33 cases of brain tumours. This decrease was more marked when the tumour had caused destruction of cerebral tissue.
Dimitrijević - Sarajevo

SERAFIMOV, K., doc. dr.; KARAGJOZOV, P., prof. dr.; ANASTASOV, M., doc. dr.;
SERAFIMOVA, E., dr.

Use of trasyolol in acute pancreatitis. Med. glas. 18 no.1:
38-40 Ja-F '64

1. Hirurska klinika Medicinskog fakulteta u Skopju (Upravniks
prof. dr. B. Dragojević) i Interna klinika Medicinskog fakulteta
u Skopju (Upravniks prof. dr. D. Ansoy).

YEROFEYEV, L.M., inzh.; TSAY, T.N., inzh.; BABAYANTS, A.A., inzh.;
KARAGOD, V.P., inzh.; MEDVEDEV, M.K., inzh.

Instruments developed by the Kuznetsk Scientific Research
Institute for the design and construction of mines in the
coal industry for determining rock movements and the intensity
of rock pressure. Trudy KuzNIIshakhtostroia no.1:80-84 '63.
(MIRA 17:8)

DAVIDYANTS, Nikita Mikhaylovich; KARAGODIN, Artem Leonidovich; KARAGODIN, Vladimir Leonidovich; KOSTOMAROV, V.M., red.; CHURINOV, A.I., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[City drainage systems; design and construction] Gorodskie vodostoki; proektirovanie i stroitel'stvo. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 181 p. (MIRA 14:11)

(Sewerage)

GRATSIANSKIY, M.N., kand. tekhn. nauk; KOSTOMAROV, V.M., kand. tekhn. nauk; ALEKSANDROVSKIY, Yu.V., kand. tekhn. nauk; KARAGODIN, V.L., inzh.; KARAGODIN, A.L., inzh.; ANUFRIYEV, V.Ye., kand. tekhn. nauk; KURDYUMOV, M.D., inzh.; DZHUNKOVSKIY, N.N., doktor tekhn. nauk, prof.; ABRAMOV, S.K., kand. tekhn. nauk; KEDROV, V.S., kand. tekhn. nauk; GIBSHMAN, Ye.Ye., prof., red.; YEGOROV, P.A., inzh., red.; VARGANOVA, A.N., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Manual for the design, construction and operation of urban roads, bridges and hydrotechnical structures] Spravochnik po proektirovaniyu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol. E.E. Gibshan, N.N.Dzhunkovskii, P.A.Egorov. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzheniia. Red. toma: N.N.Dzhunkovskii, M.D.Kurdiumov. 1961. 706 p. (MIRA 15:3)
(Hydraulics) (Hydraulic engineering)

KARAGODIN, B.

Pumping station for hydraulic jacks. Avt.transp. 40 no.9:
57 S '62. (MIRA 15:9)

(Pumping stations)

KARAGODIN, I. N.

Karagodin, I. N.

"Investigation of the relative strength of coal seams which are dangerous because of sudden eruptions of coal and gas." Min Higher Education USSR. Novochoerkassk Polytechnic Inst imeni S. Ordzhonikidze. Novochoerkassk, 1956. (Dissertation for the Degree of Candidate in Technical Sciences).

Knizhnaya letopis'

No 34, 1956. Moscow.

KARAGODIN, T. [Karahodin, I.], inzh.

Pneumatic equipment at large-panel housing construction plant. Bud.
mat. i konstr. 4 no.1:19-21 Ja-F '62. (MIRA 15:7)
(Pneumatic machinery) (Vibrated concrete)

PECHUK, I.M., doktor tekhn.nauk; KARAGODIN, L.N., kand.tekhn.nauk

Preventing penetration of methane into houses. Bezop.truda v
prom. 3 no.3:6-7 Mr '59. (MIRA 12:4)
(Methane--Safety measures)

KARAGODIN, L.N., kand.tekhn.nauk; BOVSUNOVSKAYA, A.Ya., geolog

Proposed indices do not characterize the hazards of sudden outbursts
in coal seams (response to N.G.Rusakov's, A.E.Ol'kevichenko's article).
Ugol' Ukr. 4 no.10:43 O '60. (MIRA 13:10)

(Rock pressure)

(Geology)

(Rusakov, N.G.)

(Ol'kevichenko, A.E.)

BEL'SKAYA, N.R., gornyy inzh.; KARAGODIN, L.N., kand.tekhn.nauk;
TROITSKIY, P.A.

"Outburst" of coal seams in the Donets Basin mines. Ugol' 37
no.2:43-47 F '62. (MIRA 15:2)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoy promyshlennosti (for Bel'skaya, Karagodin).
2. Glavnyy inzh. trest Dzerzhinskugol' (for Troitskiy).
(Donets Basin—Coal mines and mining—Safety measures)

ZHEBIN, A.I.; BALINCHENKO, I.I.; KARAGODIN, L.N., kand.tekhn.nauk;
SIMONOV, A.A., inzh.

Article "Safety measures in baring coal intercalation." Bezop.
truda v prom. 6 no.2:21-23 F '62. (MIRA 15:2)

1. Pomoshchnik glavnogo inzh. shakhty "Kommunist-Novaya" tresta
Oktyabr'ugol' (for Zhebin). 2. Nachal'nik opornogo punkta Ma-
keyevskogo nauchno-issledovatel'skogo instituta po bezopasnosti
rabot v gornoy promyshlennosti pri shakhte "Kommunist-Novaya"
tresta Oktyabr'ugol' (for Balinchenko). 3. Makeyevskiy nauchno-
issledovatel'skiy institut po bezopasnosti rabot v gornoy pro-
myshlennosti (for Karagodin, Simonov).
(Coal mines and mining—Safety measures)
(Shchukin, V.R.)

KARAGODIN, L.N., kand. tekhn. nauk

Baring coal seams with a more than 40 atm. gas pressure. Bezop
truda v prom. 7 no.4:19-20 Ap '63. (MIRA 16:4)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoy promyshlennosti.
(Coal mines and mining)

KARAGODIN, L.N., kand.tekhn.nauk

Determining the gas pressure before tapping coal seams. Ugol'
Ukr. 7 no.6:45-46 Je '63. (MIRA 16:8)

1. Makayevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoy promyshlennosti.

13G104

KARAGODIN, M. I.

USSR/Heads of Financial Institutions 25 Dec 1947
7322.

Legislation 3122.0400

"173. Concerning the Relieving of Comrade M. I. Karagodin from Duties as Deputy Director of the Agricultural Bank and the Confirmation of Comrade Anatoliy Konstantinovich Kordyukov as Deputy Director of the Agricultural Bank" 2 p

"Sob Post Sovmin" No 10

Decree No 3704, 3 Nov 1947, complete.

LC

13G104

USSR 187/118(NA)

621.9.01

Design and Exploitation of Ceramic
Cutters

Stanki i Instrum.

(1), 31-33

Jan., 1954

U.S.S.R.

P.Ya. Komogodin, N.N. Yaskov

...and information on the design and use of cutting tools.
...is given. The article
...of steel shafts and axes, at
cutting speed of 270 to 280 m/min., depth of cutting
up to 0.5 mm., and speed at 0.45 mm.

KARAGODIN, S.S.

New type of niobium mineralization in the Urals. Geol. rud.
nestorozh. 5 no.2:119-120 Mr-Ap '63. (MIRA 16:6)

1. Tsentral'naya ural'skaya partiya Pervogo glavnogo geologo-
razvedochnogo upravleniya Ministerstva geologii i okhrany neдр
SSSR, Sverdlovsk.

(Ural Mountains—Niobium)

USHAKOV, V.A., kandidat tekhnicheskikh nauk; KARAGODIN, V.A., inzhener; MORO, A.I., inzhener; KHAZANOV, B.E., inzhener; FEDOROV, B.S., inzhener; MALITSKIY, S.I., inzhener.

Design and building of large size storm sewers. Gor.khoz. Mosk. 27 no.6:
26-30 Je '53. (MLRA 6:6)

(Moscow--Drainage)

KARAGODIN, V.I.

ANUPRIYEV, V.Ye.; AKSEL'ROD, L.S.; KARAGODIN, V.I.; SAKHAROV, V.M.; PUSHTORSKIY, Ye.I., redaktor; VINOKUROVA, Ye.B., redaktor; PETROVSKAYA, Ye. tekhnicheskiiy redaktor.

[Hydraulic engineering for cities] Gorodskaya gidrotekhnika. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 270 p. (MLRA 8:1)
(Hydraulic engineering) (Municipal engineering)

MOLOKOV, Mikhail Vladimirovich; SHIGORIN, Georgiy Gavrilovich; KARAGODIN,
V.L., redaktor; NOVOCHADOV, A.G., redaktor; PETROVSKAYA, Ye.,
tekhnicheskii redaktor

[Storm and general sewers] Doshdevaia i obshchesplavnaia kanaliza-
tsiia; teoriia i raschet. Moskva, Izd-vo Ministerstva kommunal'nogo
khoziaistva RSFSR, 1954. 331 p. [Microfilm] (MLRA 8:3)
(Sewerage) (Rain and rainfall)

KARAGODIN, V.L.

BASS, M.G., inzhener; KARAGODIN, V.L., inzhener; MOLCHANOV, Yu.A., inzhener;
MALITSKIY, S.I., inzhener; KHAZANOV, V.Ye., inzhener; USHAKOV, V.S.,
inzhener.

Collector with driven in sheet-piled walls. Gor.khoz.Mosk. 31
no.9:38-40 S '57. (MIRA 10:9)
(Moscow--Sewers, Concrete)

KARAGODIN, V.L., inzh.; LIKHACHEV, A.S., inzh.

General sewerage system and its significance for construction on
the territory of the city of Moscow. Gor. khoz. Mosk. 33 no.7:22-25
Jl '59. (MIRA 12:10)

(Moscow--Sewerage)

ABRAMOV, Sergey Koz'mich; KARAGODIN, V.L., inzh., red.; VINOGRADOVA,
G.M., red.isd-va; RUDAKOVA, N.I., tekhn.red.

[Underground drainage in industrial and urban construction]
Podzemnye drenazhi v promyshlennom i gorodskom stroitel'stve.
Moskva, Gos.isd-vo lit-ry po stroit., arkhitekt. i stroit.
materialam, 1960. 236 p. (MIRA 14:4)
(Drainage)

KARAGODIN, V.L., inzh.; MOLCHANOV, Yu.A., inzh.

City ponds and water reservoirs. Gor.khoz.Mosk. 34 no.3:29-32
Mr '60. (MIRA 13:8)

(Moscow--Ponds)

DAVIDYANTS, Nikita Mikhaylovich; KARAGODIN, Artem Leonidovich; KARAGODIN, Vladimir Leonidovich; KOSTOMAROV, V.M., red.; CHURINOV, A.I., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[City drainage systems; design and construction] Gorodskie vodostoki; proektirovanie i stroitel'stvo. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 181 p. (MIRA 14:11)

(Sewerage)

GRATSIANSKIY, M.N., kand. tekhn. nauk; KOSTOMAROV, V.M., kand. tekhn. nauk; ALEKSANDROVSKIY, Yu.V., kand. tekhn. nauk; KARAGODIN, V.L., inzh.; KARAGODIN, A.L., inzh.; ANUFRIYEV, V.Ye., kand. tekhn. nauk; KURDYUMOV, M.D., inzh.; DZHUNKOVSKIY, N.N., doktor tekhn. nauk, prof.; ABRAMOV, S.K., kand. tekhn. nauk; KEDROV, V.S., kand. tekhn. nauk; GIBSHMAN, Ye.Ye., prof., red.; YEGOROV, P.A., inzh., red.; VARGANOVA, A.N., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Manual for the design, construction and operation of urban roads, bridges and hydrotechnical structures] Spravochnik po proektirovaniu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol. E.E. Gibshan, N.N.Dzhunkovskii, P.A.Egorov. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzheniia. Red. toma: N.N.Dzhunkovskii, M.D.Kurdiumov. 1961. 706 p. (MIRA 15:3)
(Hydraulics) (Hydraulic engineering)

KARAGODIN, Vladimir Leonidovich; DAVIDYANTS, Nikita Mikhaylovich;

[City drainage systems] Gorodskie vodostoki. 2. izd., isp.
i dop. Moskva, Stroiizdat, 1964. 251 p. (MIRA 18:2)

KARAGODIN, V. M.

Nekotoryye Voprosy Mekhaniki Tela Peremennoy Massy (Some Questions on the Mechanics of a Body of Variable Mass), by V. M. Karagodin, Candidate of Technical Sciences, Issue No 63, Moscow Aviation Institute imeni Sergo Ordzhonikidze, Oborongiz, Moscow, 1956, 32 pages

KARAGODIN, Vladimir Mikhailovich

This pamphlet represents a series of articles prepared for publication in 1955. The first article, "On the Kinetic Energy of a Body of Variable Mass," generalizes the well-known Koenig formula for the case of a body of variable mass, the center of inertia of which, during the process of the motion of the body itself, is displaced, at some particular speed, in relation to the points of the body. On the basis of this general case, theorems on the kinetic energy of a body of variable mass are formulated in the second article, "On the Theorem of the Kinetic Energy of a Body of Variable Mass."

The third article, "On One Generalization of Euler's Equation," generalizes Euler's equation for the case of a body of variable mass with variable moments of inertia, under the assumption that the center of the mass is displaced relative to the boundaries of the body, whereas the central system of the coordinate axes rotates relative to the body at a definite angular velocity. One of the references cited in this article is "On Equations of Rocket Motion," by F. R. Gantmakher and L. M. Levin, Prikladnaya Matematika i Mekhanika, Vol. XI, No 3, 1947.

The last two articles, "Equations on the Motion of a Body of Variable Mass in a Mobile System of Coordinate Axes" and "Equations of the Motion of a Body of Variable Mass in a Natural System of Coordinate Axes," which also refer to the Gantmakher-Levin article, present scalar equations for the motion of a body of variable mass in projections of the axes of the most commonly used coordinate systems.

This work "may be used in a general course on theoretical mechanics and in investigating the dynamic properties of various physical bodies of variable mass."

[Comment: This is the first publication of the Moscow Aviation Institute known to have been received in the US.]

Sum 1258

KARAGODIN, V.M.

TOPCHIEV, A.V., akademik, glavnyy redaktor; PETROV, B.N., otvetstvennyy redaktor; AYZERMAN, M.A., redaktor; BERNSHTEYN, S.I., redaktor; VASIL'YEV, R.V., redaktor; IVANOV, V.I., redaktor; KARAGODIN, V.M., redaktor; KOGAN, B.Ya., redaktor; LETOV, A.M., redaktor; PORTNOV-SOKOLOV, Yu.P., redaktor; SOLODOVNIKOV, V.V., redaktor; ULANOV, G.M., redaktor; TSUPKIN, Ya.Z., redaktor; KRUTOVA, I.N., redaktor; ASTAF'YEVA, G.A., tekhnicheskii redaktor

[A session of the Academy of Sciences of the U.S.S.R. on scientific problems in automatization of production, October 15-20, 1956; principal problems of automatic control] Sessia Akademii nauk SSSR po nauchnym problemam avtomatizatsii proizvodstva, 15-20 oktiabria 1956 g.; osnovnye problemy avtomaticheskogo regulirovaniia i upravleniia. Moskva, 1957. 334 p. (MLRA 10:5)

1. Akademiya nauk SSSR. 2. Chlen-korrespondent AN SSSR. (for Petrov)
(Automatic control)

KARAGODIN, Vladimir Mikhaylovich; KAMENKOV, G.V., doktor fiz.-mat. nauk,
~~prof., Petbenzent~~; GORTSUYEVA, N.A., red.izd-va; SKOTNIKOVA,
K.N., tekhn. red.

[Theoretical fundamentals of the mechanics of a body with
variable composition] Teoreticheskie osnovy mekhaniki tela
peremennogo sostava. Moskva, Oborongiz, 1963. 177 p.

(MIRA 16:9)

(Mechanics)

PHASE I BOOK EXPLOITATION

SOV/6590

Karagodin, Vladimir Mikhaylovich

Teoreticheskiye osnovy mekhaniki tela peremennogo sostava (Theoretical Principles in the Mechanics of a Body of Variable Mass) Moscow, Oborongiz, 1963. 177 p. 3500 copies printed.

Reviewers: G. V. Kamenkov, Doctor of Physical and Mathematical Sciences, Professor; Ed. of Publishing House: N. A. Gortsuyeva; Tech. Ed.: N. N. Skotnikova; Managing Ed.: S. D. Krasil'nikov, Engineer.

PURPOSE: The book is intended for scientific workers, aspirants, and engineers working in modern jet engineering and for students at institutes and faculties for aviation.

COVERAGE: The book presents a theoretical foundation in the mechanics of a point and a body of variable mass. The author derives vector- and scalar-type equations of motion of a body of variable mass which are applied to the study of the motion of various kinds of rockets and jet aircraft. No personalities are mentioned. There are 133 references, all Soviet.

Card 1/6

KARAGODIN, Ya.

New trends in geography. Izobr.i rats. no.12:9-10 D '60.
(MIRA 13:12)

1. Chlen seksii po kontrolyu za vnedreniyem izobreteniy pri
Leningradskomoblastnom sovete Vsesoyuznogo obshchestva izobretateley
i ratsionalizatorov.
(Leningrad--Technological innovations)

KARAGODIN, YA. P.

USSR/Engineering - Machine tools

Card 1/1 Pub. 103 - 15/24

Authors : Karagodin, Ya. P., and Yaskov, N. N.

Title : Roughing tool

Periodical : Stan. i instr. 11, page 33, Nov 1954

Abstract : The advantages of assembled tools over the ordinary soldered roughing tools are listed. The geometrical parameters of an assembled roughing tool are described. The work of the snagging machine using an assembled roughing tool was found to be more stable and the intensity of heat formation at point of cutting is much more reduced in comparison with previously used tools. Drawings.

Institution :

Submitted :

KARAGODIN, YA. P.

USSR/Engineering - Tools

Card 1/1

Authors : Karagodin, Ya. P.; and Yaskov, N. N.

Title : Design and Exploitation of Ceramic Cutters

Periodical : Stan. i Instr.²⁵ Ed. 1, 31-33, Jan/1954

Abstract : General information on the design and use of cutting tools fitted with ceramic heads is given. The cutters are used for the surface smoothing of steel shafts and axes, made at mark 45 steel at a cutting speed of 270 to 350 m/mm, depth of cutting being up to 5 mm, and speed at 0.45 mm. Illustrations.

Institution :

Submitted :

KARAGODIN, Ya.P.; YASKOV, H.N.

Abrasive cutter. Stan. 1 instr. 25 no.11:33 N '54. (MLBA 7:11)
(Machine tools)

KARAGODINA, I. I.

BERYUSHEV, K.G., dotsent; RUMYANTSEVA, M.V., kand.med.nauk; KARAGODINA,
I.I., nauchnyy sotrudnik

Effect of noise and exhaust gases generated by city traffic on the
hygienic conditions of hospital grounds and buildings [with summary
in English]. Gig. i san. 22 no.5:9-16 My '57. (MIRA 10:10)

1. Iz kafedry kommunal'noy gigiyeny TSentral'nogo instituta usover-
shenstvovaniya vrachey i Moskovskogo nauchno-issledovatel'skogo
insti uta sanitarii i gigiyeny imeni Erismana.

(HOSPITALS,

eff. of city noise & exhaust gases (Rus))

(NOISE, effects,

on hosp. in cities (Rus))

(CASES, effects

exhaust gases on hosp. in cities (Rus))

KARAGODINA, I.I., nauchnyy sotrudnik., BERYUSHEV, K.G., kand.med.nauk
RYMYANTSEVA, M.V., kand.med.nauk

Problems in planning hospital sites [with summary in English].
Gig. i san. 23 no. 9:9-18 S '58 (MIRA 11:11)

1. Iz TSentral'nogo instituta usovershenstvovaniya vrachey i
Moskovskogo nauchno-issledovatel'skogo instituta saniterii i gigiyeny
imeni P.F. Erismana Ministerstva zdравookhraneniya RSFSR.
(HOSPITALS,

locations, problems in planning (Rus))

KARAGODINA, I.L.

Characteristics of noise in apartment in Moscow housing. 04g.1
san. 24 no.12:7-11 D '59. (MIRA 13:4)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii
i gigiyeny imeni F.F. Erismana Ministerstva zdavookhraneniya RSFSR.
(NOISE)
(HOUSING)

KARAGODINA, I.L.

Hygienic characteristics of city noise. Uch. zap. Mosk. nauch.-
issl. inst. san. i gig. no.6:67-70 '60. (MIRA 14:11)
(NOISE)

TULYAKOVA, L.F.; GUMENER, P.I.; KARAGODINA, I.L.; RIKHTER, B.V.

Sanitary and hygienic evaluation of the planning for experimental
residential block No.9 in N.Cheremushki. Uch. zap. Mosk. nauch.-
issl. inst. san. i gig. no.6:62-66 '60. (MIRA 14:11)
(MOSCOW—CITY PLANNING)

KARAGODINA, I.L.

Permissible noise levels in dwellings. Gig. i san. 26 no.2:8-13 F
'61. (MIRA 14:10)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny imeni
F.F.Erismana Ministerstva zdravookhraneniya RSFSR.
(NOISE)

KARAGODINA, I.L., mladshiy nauchnyy sotrudnik

Use of standards of permissible noise levels in homes in sanitary practice. Gig.i san. 26 no.12:51-56 D '61. (MIRA 15:9)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny imeni F.F.Erismana.

(NOISE) (HOUSING--HYGIENIC ASPECTS)

SHISHKIN, I.A., kand.tekhn.nauk; OSIPOV, G.L., kand.tekhn.nauk; KARAGODINA,
I.L., mladshiy nauchnyy sotrudnik

Relation of the noise conditions in block no. 9 of Novyye
Cheremushki to external noises. Issl.po mikroklim.nasel.mest
i zdan.i po stroi.fiz. no.1:54-70 '62. (MIRA 15:9)

1. Nauchno-issledovatel'skiy institut gradostroitel'stva i
rayonnoy planirovki Akademii stroitel'stva i arkhitektury SSSR
(for Shishkin). 2. Nauchno-issledovatel'skiy institut stroitel'noy
fiziki i ograzhdayushchikh konstruksiy Akademii stroitel'stva
i arkhitektury SSSR (for Osipov). 3. Nauchno-issledovatel'skiy
institut gigiyeny imeni F.F. Erismana (for Karagodina).

KARAGODINA, I.L.; OSIPOV, G.L.; SHISHKIN, I.A.; SKURATOVA, L.Ya.,
red.

[City and residential noises and their control] Gorodskie
i zhilishchno-kommunal'nye shumy i bor'ba s nimi. Moskva,
Meditsina, 1964. 230 p. (MIRA 17:7)

ACC NR: AR6036013

SOURCE CODE: UR/0264/68/000/009/B020/B020

AUTHOR: Karagodina, I. L.; Klimukhin, A. A.; Soldatkina, S. A.

TITLE: Acceptable noise level in airport buildings

SOURCE: Ref. zh. Vozdushnyy transport, Abs. 9B117

REF SOURCE: Sb. Vopr. gigiyeny planirovki i san. okhrany atmosf. vozdukha, M., 1966, 43-52

TOPIC TAGS: airport, acoustic noise, aeronautic personnel

ABSTRACT: In 1963, several airports were investigated with regard to noise standards. The physical characteristics of noise conditions in various rooms were analyzed and their physiological evaluation by passengers and airport service personnel was studied. The criterion of noise evaluation and the procedure of measurement are examined. The noise conditions at airports were found unacceptable and interfering with the normal working conditions of personnel and with necessary passenger comfort. This is attested to by the considerable decrease in aural sensitivity and hypotonia in a great number of airport employees, the pattern of which follows that of professional disease. [Translation of abstract] [NT]

Card 1/1 SUB CODE: 02/

UDC: 656.71:534.836

MELAMED, L.G.; KARAGODINA, L.V.

Determining the coefficient of strength utilization of fibers
in twisted articles. Tekst. prom. 25 no.10:93-94 0 '65.

(MIRA 18:10)

1. Sotrudniki laboratorii kruchenykh izdeliy Tsentral'nogo
nauchno-issledovatel'skogo instituta promyshlennosti lubyanykh
volokon, Moskva.

KARAGODOVA, Ye.A.; KHODORKOVSKIY, I.M.

Methodology of determining comparable indices of the work of
departments. Sudostroenie no.7861-53 JI '65.

(MIRA 18:8)

KARAGODOVA, Ye. A.

Theory of Wiener-Hopf equations of the first kind. Vych. mat.
[Kiev] no. 1:146-152 '65 (MIRA 19:2)

IVANOV, V.V. (Kiyev); KARAGODOVA, Ye.A. (Kiyev); YADRENKO, E.K. (Kiyev)

Approximation method for determining the dynamic characteristics
of controlled members. Zhur. vych. mat. i mat. fiz. 1 no.3: 523-541
My-Je '61. (MIRA 14:8)

(Electronic digital computers)

22763

S/041/61/013/001/002/008
B112/B202

16.4500

AUTHORS: Ivanov, V. V., Karagodova, Ye. A.

TITLE: Approximate solution of integral equations of the convolution type by the Galerkin method

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, v. 13, no. 1, 1961, 28-38

TEXT: The authors consider the singular integral equation:

$$k\varphi \equiv \varphi(x) + \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} a_1(x-t) \varphi(t) dt + \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} a_2(x-t) \operatorname{sgn} t \varphi(t) dt + \\ + \lambda \int_{-\infty}^{\infty} n(x,t) \varphi(t) dt = f(x), \quad (-\infty < x < \infty).$$

with the conditions: 1) $a_1, a_2 \in L_1(-\infty, \infty)$; 2) $(1 + A_1)^2 - A_2^2 \neq 0$ (A_1, A_2 are the Fourier transforms of a_1, a_2); 3) $f(x) \in L_2(-\infty, \infty)$;

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Approximate solution of...

4) $\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} |n(x,t)| dx dt < \infty$; 5) $1 + A_1 - A_2$ or $1 + A_1 + A_2$ on the axis of numbers is identically equal to 1; 6) the complex parameter λ is no eigenvalue. The ansatz of the solution has the following form:

$$\varphi(x) = \sum_{k=0}^{n-1} \alpha_k \psi_k(x) - \sum_{k=-n}^{-1} \alpha_k \psi_{k-1}(x), \quad x \geq 0$$

$$\text{with } \psi_k(x) = \begin{cases} e^{-x} P_k(x), & x > 0, \quad k \geq 0; \\ 0, & x < 0 \end{cases}$$

$$\psi_k(x) = \begin{cases} 0, & x > 0 \\ e^x P_{-k-1}(-x), & x < 0, \quad k < 0 \end{cases}$$

and polynomials P_k , satisfying the condition: $\int_0^{\infty} e^{-2x} P_k P_j dx = \delta_{kj}$. The undetermined coefficients α_k are obtained from the set of algebraic equations: $(k\varphi', \gamma_j) = (f, \psi_j)$, $j = -n, \dots, n-1$. The authors prove the

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S/041/61/013/001/002/008
B112/B202

Approximate solution of...

following theorem: If the conditions 1) - 6) are fulfilled, the set $(k\varphi', \psi_j) = (f, \psi_j)$ has a unique solution φ_n and it holds that $\|\varphi_n - \varphi'\| < c_1 \|\varphi_n - p_n \varphi_n\|$, where c_1 is a positive constant independent of n and

$p_n \varphi = \sum_{k=-n}^{n-1} a_k \varphi_k$, $a_k = \int_{-\infty}^{\infty} \varphi \bar{\psi}_k dx$. The same holds for the set:

$p_n k\varphi' + \sum_{k=1}^n c_k \varphi_k = p_n f$ with undetermined coefficient c_k . As an example

the authors consider the equation: $k_1 \varphi_1 \equiv \varphi_1(x) - \frac{a}{\pi} \int_0^{\infty} k_0(|x-t|) \varphi_1(t) dt = e^{-x}$, $x > 0$,

$$a \in (1, \infty), \quad k_0(x) = \int_0^{\infty} \frac{\cos \lambda x}{\sqrt{1+\lambda^2}} d\lambda, \quad x > 0,$$

They present two numerical tables which were calculated by means of the electronic computer BESM (SESM). Plemel, Sokhotskiy, N. I. Pol'skiy, I. M. Rapoport, M. A. Leontovich, and G. A. Grinberg are mentioned. There

Card 3/4

Approximate solution of...

are 2 tables and 11 Soviet-bloc references.

SUBMITTED: June 18, 1959

22763

S/041/61/013/001/002/008
B112/B202

Card 4/4

KARAG'QZOV, G.V., inzh.

A simplified method in computing eccentrically pressed ferroconcrete sections. Tekhnika Bulg 3 no.2:12-16 F '54.

KARAG'OV, Georgi, inzh.

Unification, typification, and standardization, the only
road toward industrialization in building. Ratsionalizatsia
14 no.8:25-29 '64.

1. Mashelektroproekt Research and Design Institute of Mechanical
and Electrical Engineering.

ACCESSION NR: AP4018302

B/0005/64/000/001/0009/0014

AUTHOR: Tsankov, Ts. (Engineer); Karag'ozov, L. (Engineer)

TITLE: Some methods of high-energy metalworking under pressure

SOURCE: Mashinostroene, no. 1, 1964, 9-14

TOPIC TAGS: high energy forming, explosive forming, metalworking, trotyl, Tetryl, detonation, explosion, steel, copper, tin

ABSTRACT: This is a review article on high-energy methods of metalworking, based exclusively on foreign bibliography. Following a preliminary survey of physical theory (e.g., determination of critical speeds of deformation; analysis of the elastic and plastic wave phenomena involved), a tentative classification of high-energy methods by type of energy transfer is cited: 1) method based on explosive-pressure waves; 2) methods using electromagnetic energy (hydrospark method, electromagnetic methods); 3) methods using very rapidly moving parts to transmit the energy required for deformation of metal.

Particular attention is given to the first type, with an analysis of the detona-

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ACCESSION NR: AP4018302

tion wave phenomena, a classification of explosives, and an analysis of what happens during the conversion (burning; detonation) of explosives. Cited from the bibliography are experimental data indicating that the maximum pressure obtained when the explosive shock is transmitted through an aqueous medium is several times greater than when transmitted through air. Explanation of this phenomenon is found in the "gas bubble" formed as detonation wave is propagated. The "bubble" is the object of interaction of a number of forces (gas pressure, kinetic energy of water particles, hydrostatic pressure). The result of the process is that the blank does not experience just one impact blow as during explosion in the air, but several. Of decisive influence when explosives are used in an aqueous medium are: the charge (type, weight, distribution, form, arrangement of percussion cap and detonator); the distance from the charge to the blank; the depth to which the charge is submerged in the medium.

Turning from foreign bibliography, the authors report that in their country a number of experiments were also made on the deformation of sheet tin by the explosive method. An experiment was performed in the drawing of conical parts, with the set-up as shown in Fig. 1 of the Enclosure. The experiment was conducted in an aqueous

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ACCESSION NR: AP4018302

medium, the submerged part of the cylindrical charge being about one-third of its length. The aim of the experiment was to investigate the influence of the medium only, without registering the effect of the "gas bubble." The amount of the charge was 50 g, and the distance from charge to blank was 23 cm. The experiment was performed with varying amounts of charge and varying distances from charge to blank. Stated as a proportion of an explosion in air, the amount of the charge to obtain the same effect for an aqueous medium could be reduced 2.5 times. The cone drawn by explosion in an aqueous medium had a better shape, as compared with the cone in the air medium. Experiments were also performed in drawing more complex, graduated forms, with satisfactory results achieved. Figs. 2 and 3 illustrate the results of drawing conical vessels of steel tin.

The authors conclude that high-energy methods are still in the experimental stage of development, but anticipate that their application will continue to expand owing to the advantages offered.

ASSOCIATION: none

Card 3/3

KARAG'OEVOV, L.

Case of extradural cholesteatoma. Khirurgiia, Sofia 7 no.6:375-377 1954.

1. Nervnaia klinika Meditsinskoi Akademii im. V.Chervenkova, Sofia. Nervno-khirurgicheskoe otdelenie. Nachal'nik dotsent P.Filipov.

(BRAIN, neoplasms,
cholesteatoma, epidural)

KARAG'OV, L

FILIPOV, F., dotsent; KARAG'OV, L.

Clinical observations on extradural and intraventricular
distribution of echinococcosis. Khirurgia, Sofia 8 no.4:
337-339 1955. Khirurgia, Sofia 8 no.4:337-339 1955.

1. Institut za spetsializatsia i usuvurshenstruvane na
lekarite--Sofia nevrokhirurgichna klinika. Direktor: dots.
F. Filipov.

(BRAIN, diseases,
echinococcosis, extradural & intraventric, distribution)

KARAG'OV, L.

Surgical therapy of spondylitic compressive syndrome. Khirurgia,
Sofia 8 no.9:778 1955.

1. Instituta za spetsializatsia i usuvurshenstvuvane na lekarite,
Sofia nevrokhirurgichna klinika. Direktor: dots. F. Filipov.
(TUBERCULOSIS, SPINAL, complications,
compressive synd., surg. (Bul))

Karag'ozov, L.

UGLOVA, T.; kandidat na meditsinskite nauki; KARAG'OZOV, L.

Surgical bulbar tumors of the optic nerve. Khirurgiia, Sofia
8 no.9:790-793 1955.

1. Visssh meditsinski institut W.Chervenkov, Sofia klinika po
ochni bolesti. Direktor: dots. D.Daniilov. Institut za
spetsializatsiia i usuyurshenstvuvane na lekarite, Sofia
nevrokhirurgichna klinika. Direktor: dots. F.Filipov.

(NERVES, OPTIC, neoplasms,
retrobulbar, surg. (Bul))

KARAG'OV, L.

Clinical observations on hourglass tumor of the spinal cord.
Kirurgiiia, Sofia 8 no.9:838-840 1955.

(SPINAL CORDS, neoplasms,
hourglass tumor (Bul))

BULGARIA / Human and Animal Morphology, Normal and Pathological. S-4
Muscles.

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 83712

Author : Kadanov, D.; Karag'ozov, L.

Inst : Institute of Morphology, Bulgarian AS

Title : Origin and Development of Supernumerary Extensors in Human
Fingers.

Orig Pub : Izv. In-ta morfol. B'lg, AN, 1957, kn. 2, 191-219

Abstract : On the basis of studies of 300 preparations of the arm, the
supernumerary muscles were classified in two groups: mm. ex-
tensores proprii accessorii and mm. extensores breves. The
former appeared in 15,3 percent of the cases; they originate
in the axillary area, the ulnar bone, fascia antebrachii and
membrana interossea. In 13,6 percent of the cases, the
third finger was found to have an extensor of its own, quite
often connected with its extensor communis to the

Card 1/2

FILIPOV, F., prof.; KARAG'OV, L.

A new operative method for craniostenosis. Khirurgiia, Sofia 13 no.7/8:
633-638 '60.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite,
Sofia. Klinika po nevrokhirurgia. Direktor: prof. F.Filipov.
(SKULL abnorm.)

KARAGHOZOV, L.

Hydrocephalus and differential diagnosis of tumors of the posterior cranial fossa and of the 3d ventricle. Suvrem med., Sofia no.3:29-37 '61.

1. Klinika po nevrokhirurgia pri Instituta za spetsializatsia i usuvurshenstvuvane na lekarite, Sofiya. (Direktor: prof. F. Filipov)

(BRAIN NEOPLASMS diag) (HYDROCEPHALUS diag)

KARAGOZOV, L.

Roentgenological changes in the wall of the orbit in tumors of the frontal lobe. Suvrem med., Sofia no.4/5:73-80 '61.

1. Iz Katedrata po nevrokhirurgija pri Instituta za spetsializatsia i usuvurshenstvuvane na lekarite. (Rukovoditel na katedrata dots. G. Khadzhidekov.)

(BRAIN NEOPLASMS radiog)
(ORBIT radiog)
(FRONTAL LOBE neopl)

PETROV, P.; KARAGOZOV, L.; DOBREV, S.

Tumors of the spinal column compressing the spinal cord. Khirurgia,
Sofia 14 no.2/3:296-298 '61.

1. Klinika po nervokhirurgia pri Instituta za spetsializatsiia i
usuvurshenstvuvane na lekarite.

(SPINE neopl)

KARAGIJOZOV, L.

New surgical approach to the orbit (transcranial osteoplastic orbitotomy). Khirurgia, Sofia 14 no.2/3:340-342 '61.

(ORBIT? surg)

KARAG'ZOVA, M.

Embryologic studies of *Iris pseudacorus* L. Izv Inst bot
BAN 11 111-123 '63.

L 14091-62 ENG(a)/ENG(r)/ENG(s)/ENG(r)/ENG(v)/ENT(1)/FS(v)-2 7-5 3D
AUTHOR: BURLAKOVA, Ye. V.; KARAGULYAN, I. V.

AUTHOR: Burlakova, Ye. V.; Karagulyan, I. V.

TITLE: Changes in the physical and chemical structures of mammal muscle during revivification and deep freezing.

SOURCE: AN SSSR. Doklady*, v. 158, no. 4, 1964, 17-18.

TOPIC TAGS: tissue preservation, deep freezing, muscle biochemistry, tissue revival, mouse, triceps suras

ABSTRACT: Changes in the physical and chemical structures of muscle tissue during deep freezing and revivification were studied. It was found that changes in resistance to electrical current at different frequencies and also in the maximum length of the loss curve in the process of freezing and thawing were observed.

The muscle tissue was frozen in liquid nitrogen at -196°C, and thawing took place in water at 37°C.

Card 1 of 3

L 14291-65

ACCESSION NR: AF4047331

Four sets of conditions were investigated: 1) muscle was freshly prepared; 2) muscle was frozen in liquid nitrogen and thawed;

loss of material in fresh muscle. In muscle frozen, the loss within the first 10 minutes of processing of heavy molecules, probably lipoprotein complexes, as a result of processing muscle with glycerol followed by freezing.

of processed muscle placed in to a test tube.

Card 2/3

L 14291-65

ACCESSION NR: AP4047331

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.
V. Lomonosova (Moscow State University)

SUBMITTED: 05Apr64

ENCL: 00

SUB CODE: LS

NO REF SOV: 008

OTHER: 000

ATD PRESS: 3174

Card 3/3

ACCESSION NR: AR4028325

S/0299/64/000/005/R020/R020

SOURCE: Referativnyy zhurnal. Biologiya, Abs. 3R122

AUTHOR: Karagulyan, E. A.

TITLE: Electroconductivity of stored frozen tissue

CITED SOURCE: Sb. nauchn. tr. N.-i. In-t gematol. i perelivaniya krovi. ArmSSR, v. 10, 1963, 279-283

TOPIC TAGS: conductivity, electroconductivity, tissue conductivity, frozen tissue, tissue storage, glycerol preservative

ABSTRACT: The electroconductivity of tissues was used for a rapid and objective evaluation of the condition of transplants. Muscles (triceps surae) from white mice were used. Resistance was measured using an instrument constructed according to the bridge principle, in a frequency range of 0.5-600 kilocycles/sec. The amplitude of the signal did not exceed 0.5 volts. Two methods of preservation were used: freezing at temperatures of -70 and -196C. Measurements were made under various conditions of thawing. In studies on the protective effect of glycerol, muscles were pretreated for 30 minutes before freezing with 30% glycerol plus Earle's solution. During the freezing process the muscle underwent an acute

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ACCESSION NR: AR4028325

change in absolute resistance; and the coefficient of polarization decreased from 4.7 to 1.7-1.8. However, on measurement of the electroconductivity of muscles treated with glycerol and Earle's solution the absolute resistance remained virtually unchanged, and the conductivity changed slightly. The author believes that treatment with glycerol protects during low-temperature freezing and contributes considerably to maintenance of the physiochemical structural integrity of live tissues. V. Adrianov

DATE ACQ: 24Mar64

SUB CODE: LS

ENCL: 00

Card 2/2

BURLAKOVA, Ye.V.; KARAGULYAN, E.A.; KOL'S, O.R.; SUMARUKOV, G.V.

Change in the physical and chemical structures of muscles in
warm-blooded animals in the case of survival and deep freezing.
Dokl. AN SSSR 158 no.4:970-972 O '64.

(MIRA 17:11)

1. Moskovskiy gosudarstvennyy universitet. Predstavleno akademikom
A.N. Belozerskim.

L 53928-65

ACCESSION NR: AP5017357

UR/0208/64/017/012/0000/0000

AUTHOR: Gurlakova Ye. V.; Paragulyan, E. A.; Kol'se, .

TITLE: Canes ... use biochemical properties

SOURCE: AN ArmSSR. Izvestiya. Biologicheskoye nauki, v. 17, no. 4, 1974, p. 10.

TOPIC TAGS: myology, muscle physiology, biochemistry, liquid nitrogen, free

Abstract: Muscle frozen with liquid nitrogen differs markedly from warm muscle. The cross-bridges disappear completely. The myofibrils are in a state of rigor and the myosin heads are in a state of high energy.

Before : section with a mixture of Early resolution and glycerol
the destruction of tissue. The cross striation is completely preserved
the role of the fibers remains intact. Any change is in
the nerve fibers.

The " " can that deep freezing of muscle does not
structures on the active mixture has been used.

Card 2/2

1. PROPOSED
Abstract.

Orig. art. has 5 figures and 2 tables.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet
Department of Biology

SUBMITTED: 02Oct64

ENCL: 00

SUBJ: 00000000

NO REF SOV: 003

OTHER: 001

111

Card 2/2

BURLAKOVA, Ye.V.; KARAGULYAN, E.A.; KOL'S, O.R.

Study of electrical parameters of the skin preserved by deep
freezing. Izv. AN Arm. SSR. Biol. nauki 18 no.2:69-72 F '65.
(MIRA 18:5)

1. Kafedra biofiziki biologo-pochvennogo fakul'teta Moskovskogo
gosudarstvennogo universiteta.

PETROSYAN, A.P.; NARINYAN, L.A.; KARAGULYAN, S.A.

Distribution of nitrogen-fixing bacteria in the rhizosphere of cotton
and alfalfa. Mikrobiol.sbor. no.4:13-24 '49. (MIRA 9:8)

(MICRO-ORGANISMS, NITROGEN-FIXING)

(COTTON) (ALFAIFA)

(RHIZOSPHERE MICROBIOLOGY)

KARAGULYAN, G. A. and AZARYAN, Ye. Kh.

"A Study of the Root-Bulb Bacteria of Beans Prevalent in Armenian SSR",
Iz Ak Nauk Arm SSR (Reports of the Academy of Sciences Armenian SSR), Vol. 3, pp 217-226
1950.

1. PETROSYAN, A. P., and KARAGULYAN, S. A.
2. USSR (600)
7. "The Intensity of Tubercle Formation in Various Species and Varieties of One and the Same Leguminous Plant", Mikrobiol. Sbornik Akad. Nauk Arm. SSR (Microbiology Symposium of the Acad Sci Armenian SSR), No 5, 1950, pp 156-157.
9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952 pp 121-132, Unclassified.

1. PETROSYAN, A. P.; NARINYAN, L. A; and KARAGULYAN, S.A.
2. USSR (600)
7. "Influence of the Sowing Times on Tubercle Formation in Leguminous Plants",
Mikrobiol. Sbornik Akad. Nauk Arm. SSR (Microbiology Symposium of the Acad
Sci Armenian SSR), No 5, 1950, pp 176-178.
9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952 pp 121-132, Unclassified.

KARAGULYAN, S. A.

KARAGULYAN, S. A. -- "The Effectiveness and Conditions of Using Phosphobacterin under Grain Crops in the Mountain Regions of the Armenian SSR." Acad Sci Armenian SSR. Laboratory of Agrochemistry. Yerevan, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No 1, 1956

KARAGULYAN, S.A.

Some problems in the use of phosphobacterin in Armenia. Izv. AN
Arm. SSSR, Biol. i sel'khoz. nauki 11 no.3:81-88 Mr '53. (MIRA 11:3)

1. Laboratoriya agrokhimii AN ArmSSR.
(Bacteria, Phosphorus) (Armenia--Soil inoculation)

BABAYAN, G.B.; KARAGULYAN, S.A.

Some features of the nitrogen and phosphorus nutrition of
sainfoin. Dokl AN Arm.SSR 29 no.4:181-185 '59.
(MIRA 13:4)

1. Laboratoriya agrokhimii AN Arm.SSR. Predstavleno akademikom
AN Arm.SSR G.S.Davtyanov.
(Sainfoin—Fertilizers and manures)